

ECE-6710

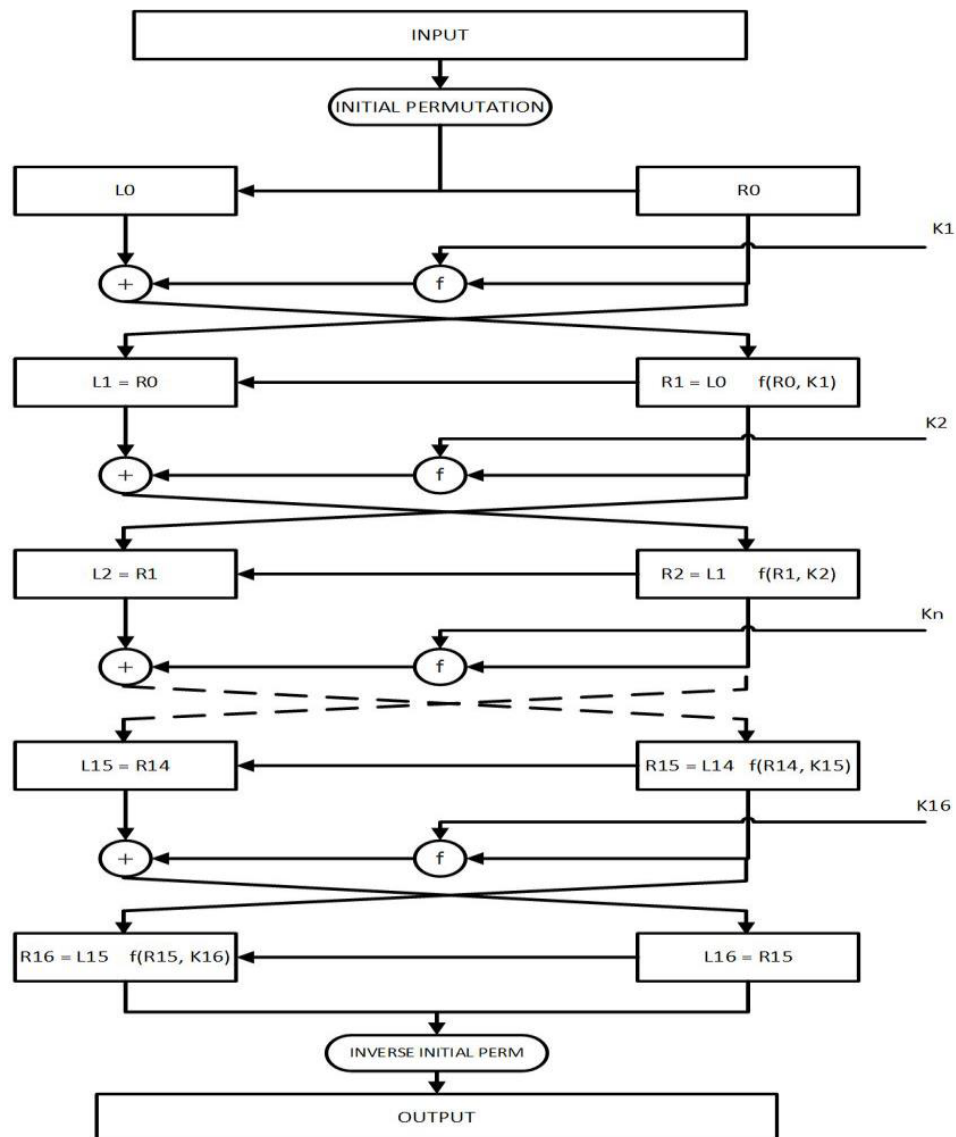
September 26th, 2021 Dr. Gaillardon

Project Proposal: Low Power Hardware Implementation of DES encryption/decryption

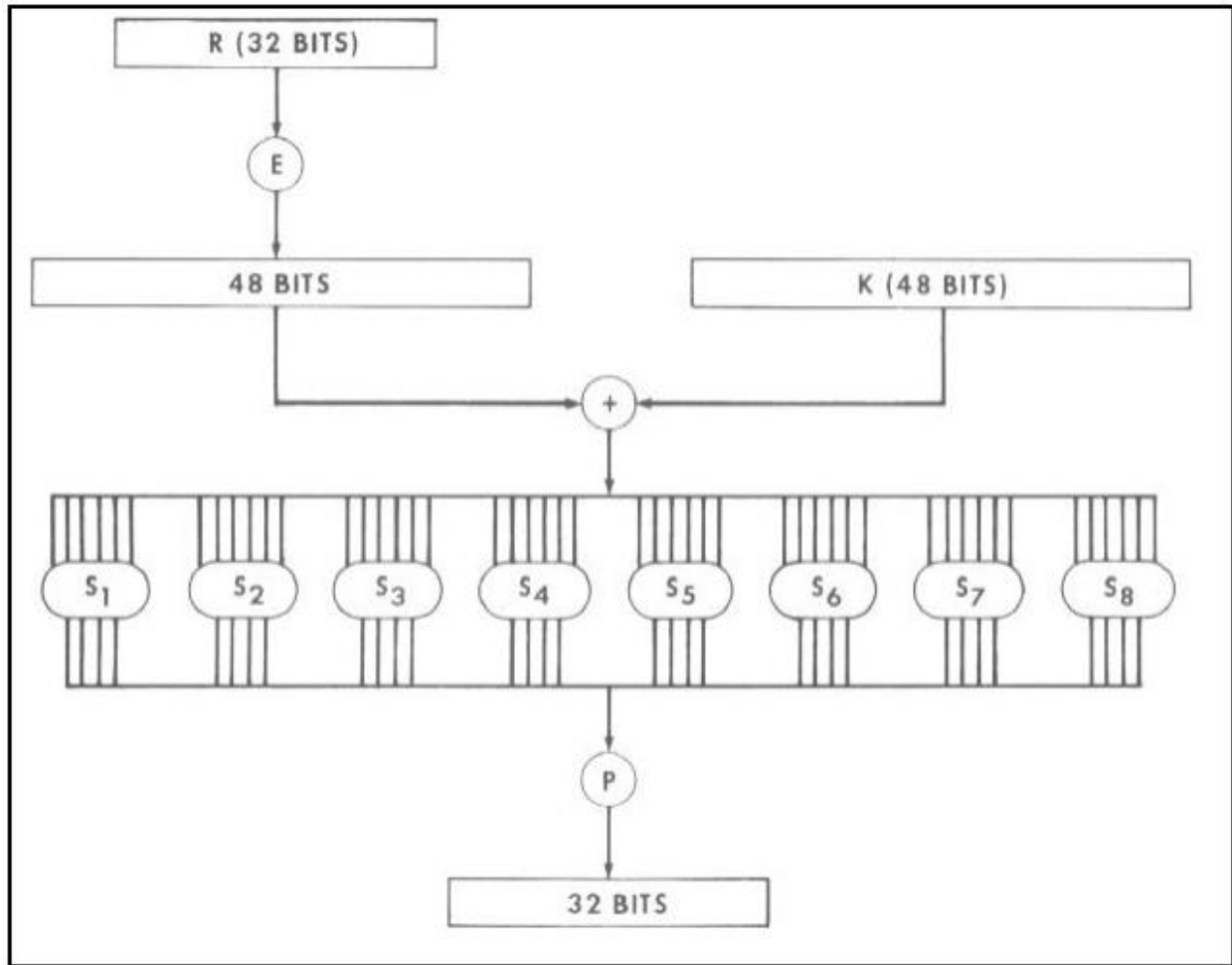
Group: Alec Adair, Derek Anderson, Preston Balfour, Behdad Jamadi

Github link: [git@github.com:dnanderson/caravel_des.git](https://github.com:dnanderson/caravel_des.git)

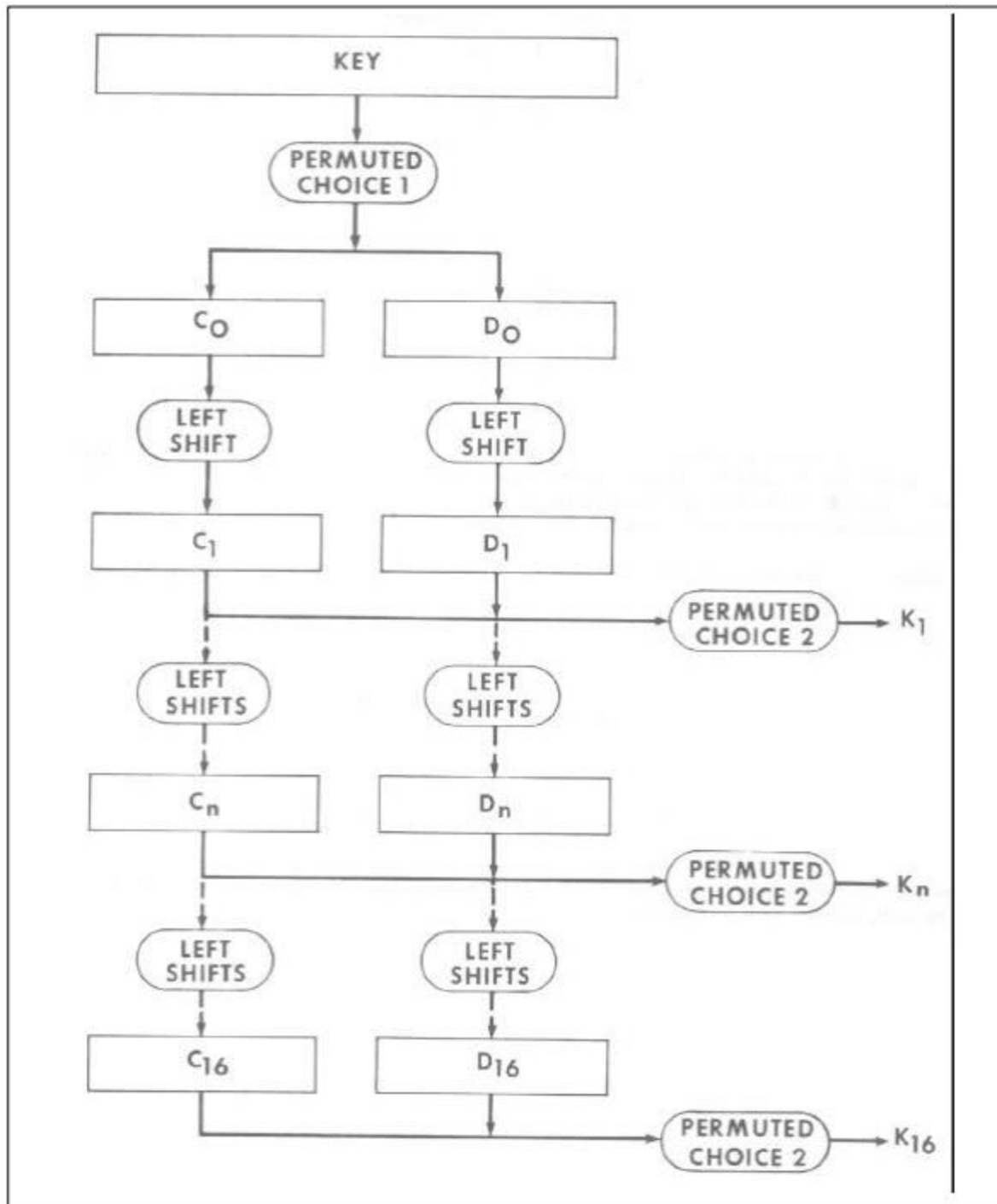
Functional and algorithm block diagrams:



Enciphering computation



Calculation of $f(R, K)$



Key Scheduling Calculation